JVC USA

Specifications / Comparison Chart

Home Cinema System

CENTER UNIT	TH-G51	TH-G31	TH-G41
Tray Mechanism	1-Disc, 1-Tray	1-Disc, 1-Tray	1-Disc, 1-Tray
Progressive Scan Output	Yes	Yes	Yes
Supported Media (Video/ Music/ Picture)	Disc	Disc	Disc
Display Dimmer	Yes	Yes	Yes
On-Screen Language	English/ French/ Spanish	English/ French/ Spanish	English/ French/ Spanish
Terminals			
Analog Audio In/Out	Yes [Front x 1(mini), Rear x 1(RCA)] / -	Yes [Front x 1(mini), Rear x 1(RCA)] / -	Yes [Front x 1 (mini), Rear x 1 (RCA)] / -
Digital (Optical) Audio In/Out	Yes/-	Yes/-	Yes/-
Composite Video In/Out	-/Yes	-/Yes	-/Yes
Component Video Out	Yes	Yes	Yes
HDMI Digital In/Out	-/Yes (1080p Up-Conversion)	-/Yes (1080p Up-Conversion)	Yes/Yes (1080p Up-Conversion)
Connection for iPod	Yes (Audio/Video)		Yes (Audio/Video)
Decoder/Circuitry			
Dolby Digital Decoder	Yes	Yes	Yes
DTS Decoder	Yes	Yes	Yes
Dolby Pro Logic II Decoder	Yes	Yes	Yes
Video D/A Converter	24-bit/148MHz	24-bit/148MHz	24-bit/148MHz
Audio D/A Converter	192kHz/24-bit	192kHz/24-bit	192kHz/24-bit
Tuner			
Band	FM	FM	FM
Number of Presets	50 Random	50 Random	50 FM
Sleep Timer	Yes	Yes	Yes
Remote Control Unit	Yes	Yes	Yes
Playable Media/Formats*			
DVD-Video	Yes	Yes	Yes
DVD-RW	Yes (Video)	Yes (Video)	Yes (Video)
DVD-R	Yes (VR/Video)	Yes (VR/Video)	Yes (VR/Video)
DVD+R DL	Yes (Video)	Yes (Video)	Yes (Video)
+RW / +R (Video Format)	Yes (Video)/Yes (Video)	Yes (Video)/Yes (Video)	Yes (Video)/Yes (Video)
CD / CD-R/RW	Yes/Yes	Yes/Yes	Yes/Yes
MP3	Yes (CD-R/RW, DVD-R/RW)	Yes (CD-R/RW, DVD-R/RW)	Yes (CD-R/RW, DVD-R/RW, +R/RW)
WMA	Yes (CD-R/RW, DVD-R/RW)	Yes (CD-R/RW, DVD-R/RW)	Yes (CD-R/RW, DVD-R/RW, +R/RW)
JPEG Digital Still	Yes (CD-R/RW, DVD-R/RW)	Yes (CD-R/RW, DVD-R/RW)	Yes (CD-R/RW, DVD-R/RW, +R/RW)
DVD, DVD-R/RW, +R/+RW	Yes	Yes	Yes
MP3	Yes	Yes	Yes
WMA	Yes	Yes	Yes
JPEG Digital Still	Yes	Yes	Yes
HDMI			
Repeater	Yes		Yes
1080p Up-Conversion	Yes	Yes	Yes
Horizontal Resolution	Approx. 500 Lines	Approx. 500 Lines	Approx. 500 Lines
Playable System	PAL/NTSC (Selectable)	PAL/NTSC (Selectable)	PAL/NTSC (Selectable)
NTSC Playback on PAL TV	Yes	Yes	Yes

PAL Playback on NTSC TV	Yes	Yes	Yes
BD/DVD or DVD			
Variable Search (Forward/Reverse)	Yes	Yes	Yes
Variable Slow (Forward/Reverse)	Yes	Yes	Yes
Resume Function	Yes	Yes	Yes
Connection for iPod	Yes		Yes
Control Keys	Play, Pause, Skip, Scan		Play, Pause, Skip, Scan
Support Device	4G or Later		4G or Later
Power Supply	Yes		Yes
iPod Docking Station Included	Yes (Compatible with New iPods)		Yes (Compatible with New iPods)
Video Output Signal Level			
Composite	1.0Vp-p/75 ohms	1.0Vp-p/75 ohms	1.0Vp-p/75 ohms
Component (Y)	1.0Vp-p/75 ohms	1.0Vp-p/75 ohms	1.0Vp-p/75 ohms
Component (Pb/Pr)	0.7Vp-p/75 ohms	0.7Vp-p/75 ohms	0.7Vp-p/75 ohms
Dimensions (W x H x D)			
inches	16-15/16 x 3 x 12-1/2	16-15/16 x 3 x 12-1/2	16-15/16 x 3 x 12-1/2
mm	430 x 76 x 317	430 x 76 x 317	430 x 76 x 317
Weight			
lbs.	8.1	8.1	8.1
kg	3.65	3.65	3.65
AMPLIFIER	**TH-G51**	**TH-G31**	**TH-G41**
Power Output (with 10% THD)			
Total Power (RMS)	1,000W	1,000W	1,000W
Front	155 watts per channel, min. RMS, driven into 4 ohms at 1kHz, with no more than 10% total harmonic distortion	155 watts per channel, min. RMS, driven into 4 ohms at 1kHz, with no more than 10% total harmonic distortion	155 watts per channel, min. RMS, driven into 4 ohms at 1kHz, with no more than 10% total harmonic distortion
Center	155 watts, min. RMS, driven into 4 ohms at 1kHz, with no more than 10% total harmonic distortion	155 watts, min. RMS, driven into 4 ohms at 1kHz, with no more than 10% total harmonic distortion	155 watts, min. RMS, driven into 4 ohms at 1kHz, with no more than 10% total harmonic distortion
Surround	155 watts per channel, min. RMS, driven into 4 ohms at 1kHz, with no more than 10% total harmonic distortion	155 watts per channel, min. RMS, driven into 4 ohms at 1kHz, with no more than 10% total harmonic distortion	155 watts per channel, min. RMS, driven into 4 ohms at 1kHz, with no more than 10% total harmonic distortion
Subwoofer	225 watts, min. RMS, driven into 3 ohms at 70Hz, with no more than 10% total harmonic distortion	225 watts, min. RMS, driven into 3 ohms at 70Hz, with no more than 10% total harmonic distortion	225 watts, min. RMS, driven into 3 ohms at 70Hz, with no more than 10% total harmonic distortion
Power Requirements	AC 120V, 60Hz	AC 120V, 60Hz	AC 120V, 60Hz
Power Consumption			
Power On	130W [Tentative]	130W [Tentative]	130W [Tentative]
Standby	0.8W [Tentative]	0.8W [Tentative]	0.8W [Tentative]
SUBWOOFER	**TH-G51**	**TH-G31**	**TH-G41**
Type	7-1/8" (18cm) Cone, Bass-Reflex	7-1/8" (18cm) Cone, Bass-Reflex	7-1/8" (18cm) Cone, Bass-Reflex
Magnetically Shielded	Semi-shielded	Semi-shielded	Semi-shielded
Power Handling Capacity/Impedance	225W/3 ohms	225W/3 ohms	225W/3 ohms
Frequency Range	40Hz - 1,500Hz	40Hz - 1,500Hz	40Hz - 1,500Hz
Sound Pressure Level	82dB/W.m	82dB/W.m	82dB/W.m
Dimensions (W x H x D)			
inches	9-5/16 x 17-3/16 x 15-7/16	9-5/16 x 17-3/16 x 15-7/16	9-5/16 x 17-3/16 x 15-7/16
mm	236 x 435 x 391	236 x 435 x 391	236 x 435 x 391
Weight			
lbs.	12.6	12.6	12.6
kg	5.7	5.7	5.7
FRONT / CENTER / SURROUND SPEAKERS	**TH-G51**	**TH-G31**	**TH-G41**

Front Speakers (Magnetically Shielded)	1-Way, Bass-Reflex	1-Way, Bass-Reflex	1-Way, Bass-Reflex
Configuration	3-3/16	3-3/16	3-3/16
Wall-Mountable	Yes	Yes	Yes
Power Handling Capacity/Impedance	155W/4 ohms	155W/4 ohms	155W/4 ohms
Frequency Range	120Hz - 18kHz	120Hz - 18kHz	120Hz - 18kHz
Sound Pressure Level	83dB/W.m	83dB/W.m	83dB/W.m
Dimensions (W x H x D inches)	4-1/2 x 8-1/4 x 3-5/16	4-1/2 x 8-1/4 x 3-5/16	4-1/2 x 8-1/4 x 3-5/16
Dimensions (W x H x D mm)	113 x 209 x 83	113 x 209 x 83	113 x 209 x 83
Weight (lbs.)	1.8	1.8	1.8
Weight (kg)	0.78	0.78	0.78
Center Speaker (Magnetically Shielded)	1-Way, Bass-Reflex	1-Way, Bass-Reflex	1-Way, Bass-Reflex
Configuration	3-3/16	3-3/16	3-3/16
Wall-Moutable	Yes	Yes	Yes
Power Handling Capacity/Impedance	155W/4 ohms	155W/4 ohms	155W/4 ohms
Frequency Range	120Hz - 18kHz	120Hz - 18kHz	120Hz - 18kHz
Sound Pressure Level	83dB/W.m	83dB/W.m	83dB/W.m
Dimensions (W x H x D inches)	11-7/8 x 4-11/16 x 3-5/16	11-7/8 x 4-11/16 x 3-5/16	11-7/8 x 4-11/16 x 3-5/16
Dimensions (W x H x D mm)	301 x 118 x 83	301 x 118 x 83	301 x 118 x 83
Weight (lbs.)	2.0	2.0	2.0
Weight (kg)	0.9	0.9	0.9
Surround Speakers (Magnetically Shielded)	1-Way, Bass-Reflex	1-Way, Bass-Reflex	1-Way, Bass-Reflex
Configuration	3-3/16	3-3/16	3-3/16
Wall-Mountable	Yes	Yes	Yes
Power Handling Capacity/Impedance	155W/4 ohms	155W/4 ohms	155W/4 ohms
Frequency Range	120Hz - 18kHz	120Hz - 18kHz	120Hz - 18kHz
Sound Pressure Level	83dB/W.m	83dB/W.m	83dB/W.m
Dimensions (W x H x D, inches)	4-1/2 x 8-1/4 x 3-5/16	4-1/2 x 8-1/4 x 3-5/16	4-1/2 x 8-1/4 x 3-5/16
Dimensions (W x H x D, mm)	113 x 209 x 83	113 x 208 x 83	113 x 209 x 83
Weight (lbs.)	1.8	1.8	1.8
Weight (kg)	0.78	0.78	0.78

[1] USB Host: [Compatible Devices] 1) USB Mass Storage Class devices such as a USB flash memory device, HDD, multimedia card reader, digital camera, etc. 2) Depending on the manufacturer, some USB devices may not be supported.
[2] Notice: [About DualDisc] The non-DVD side of a DualDisc may not be playable on JVC products. Please note that the user takes full responsibility for the use of DualDisc, and JVC is not liable for any resulting damage.
[3] Plays all versions of DivX(R) video (including DivX(R) 6) with standard playback of DivX(R) media files.
[4] Plays all versions of DivX(R) video (including DivX(R) 6) with standard playback of DivX(R) media files.
[5] Plays all versions of DivX(R) video (including DivX(R) 6) with standard playback of DivX(R) media files.
[6] Plays all versions of DivX(R) video (including DivX(R) 6) with enhanced playback of DivX(R) media files and the DivX(R) Media Format.
[7] Not AVCHD standard in case of LAN. Playback cannot be guaranteed.